

# Matthew Gove

Travel and Content Writing | Photography and Video | GIS

Data-driven professional with 15 years' experience in GIS and content writing and 18 years' experience in photography. Highly skilled in data science, video production, and blogging. I'm also a former web developer with intricate knowledge of search engine optimization (SEO) and optimizing content for the web. Since 2013, I have saved my clients and employers over \$1 million and have never missed a delivery deadline. Fluent in English and French, with a basic knowledge of Spanish.

## Professional Skills and Experience

### Writing and Blogging

2021 – Present **Travel Blogger** – *Self-Employed* (Remote)  
2018 – 2021 **Tech Blogger Specializing in GIS, Python, and Photography** – *Self-Employed* (Remote)  
2018 – 2020 **Scientific Writer** – *California Department of Water Resources* (Remote)  
2013 – 2018 **Content Writer Specializing in Website Copy** – *Self-Employed* (Remote)  
2013 – 2014 **Scientific Writer** – *U.S. Geological Survey* (Remote)  
2009 – 2011 **Scientific Writer** – *Jacobs Technology* (On-Site)

- Published over 250 blog posts on travel, photography, GIS, problem solving, etc.
- Search engine optimization and website copy for clients increased their web traffic by up to 700%
- Highly skilled in documentation, scientific writing, website copy, and travel blogging

### Photography and Video

2021 – Present **YouTube Channel Content and Production Manager** – *Self-Employed* (Remote)  
2014 – Present **Landscape and Travel Photographer** – *Self-Employed* (Remote)  
2011 – 2014 **Weather and Storm Chasing Photographer** – *Self-Employed* (Remote)  
2006 – 2011 **Sports Photographer (Sailing)** – *Self-Employed* (Remote)

- Specialty in taking, editing, and selling landscape, travel, and weather photography and video
- Select music and record voiceovers for all video productions and slideshows
- Weather and storm chasing photos have been recognized by IBM, Weather Underground, and the Weather Channel
- YouTube travel and tutorial videos have received more than 60,000 views each
- Expert in Adobe Creative Cloud, including Lightroom and Premiere Pro

### Geographic Information Systems (GIS) and Data Science

2020 – Present **GIS Specialist and Data Scientist** – *Self-Employed* (Remote)  
2018 – 2020 **GIS and Python Developer** – *California Department of Water Resources* (Remote)  
2016 – 2018 **GIS Developer and Data Scientist** – *ImmersivX* (Remote)  
2014 – 2016 **GIS Specialist** – *Self-Employed* (Remote)  
2013 – 2014 **GIS and Data Analyst** – *U.S. Geological Survey* (Remote)  
2009 – 2011 **GIS Technician and Data Entry Specialist** – *Jacobs Technology* (On-Site)

- Wrote thousands of Python scripts that facilitated connections between databases, mathematical models, and GIS that improved process efficiencies by up to 8,000%
- Compiled and analyzed a database of 223 cases of speed, wind, and pressure data of hurricanes and intense squall lines that impacted the US East Coast for a research project on meteotsunamis
- Wrote a short Python script to consolidate over 50 two-dimensional maps into 4 three-dimensional animations that saved a client over \$7,000
- Routinely work with and QA/QC databases containing over 500,000 records and several million datapoints of complex data in 3D models with effective visualizations
- I specialize in QGIS, ESRI ArcGIS Online, TerriaJS, Mapbox, and Google Maps

## Licenses and Certifications

2023 – Present PADI Open Water Dive Certification

2022 – Present FAA Part 107 Commercial Drone License / Remote Pilot Certification

2007 – 2013 U.S. Coast Guard Limited Masters Captain's License

## Publications

The Open Water Mercury Technical and Modeling Workgroup. "Mercury Open Water Final Report for Compliance with the Delta Mercury Control Program." California Department of Water Resources (2020). Web.

Geist, Eric, ten Brink, Uri, and Gove, Matthew. "A Framework for the Probabilistic Analysis of Meteotsunamis." Natural Hazards Online First Articles (2014). SpringerLink.com. Web.

Robbins, L.L., Yates, K.K., Gove, M.D., Knorr, P.O., Wynn, Jonathan, Byrne, R.H., and Liu, Xeuwu, 2013, "USGS Arctic Ocean Carbon Cruise 2010: Field Activity H-03-10-AR to collect carbon data in the Arctic Ocean, August – September 2010." U.S. Geological Survey Data Series 741, 1 CD.

## Travel Experience

- Eleven months of travel through Southeast Asia, Africa, and North America between January 2022 and March 2024
- Over 15 years of domestic and international travel experience total
- Have visited 48 of the 50 US states and 7 of the 13 Canadian provinces, with a goal to visit them all
- Learned critical negotiation skills through daily contact with sellers and street vendors in Southeast Asia and Mexico
- Designed and authored two travel blogs, a photography website, and a YouTube channel for my travels
- Learned how to communicate around language barriers using non-verbal and verbal communications
- Travel has let me master budgeting, planning, and adjusting to situations on the fly

## Education

2005 – 2009 **BS, Mathematics and Physics** – Eckerd College

2011 – 2013 **BS, Meteorology** – University of Oklahoma

2016 – 2018 **AAS, Web Development** – Scottsdale Community College

[Professional Portfolio](#) | [Matt Gove Photo](#) | [Travel Blog](#) | [YouTube Channel](#)